NAGESH KORE

Bangalore, India | nagesh.amcec@gmail.com | +91-8310643598

LinkedIn | GitHub | Portfolio

ABOUT

Final-year **Artificial Intelligence & Machine Learning** student passionate about solving real-world problems through technology. Experienced in building **AI-powered applications, responsive web solutions, and data-driven systems**. Proficient in applying **Python, Machine Learning, Computer Vision, and Data Analytics** to projects that deliver measurable impact. Known for combining creativity with technical expertise to develop solutions that are both innovative and user-focused.

EDUCATION

- **AMC Engineering College** — Bangalore, India
  B.E. in Artificial Intelligence & Machine Learning (GPA: 8.0/10) — *2022 – 2026*

- **Shree Maate Manikeshwari PU College** — Bidar, India
  Pre-University (12th) – Percentage: 84% — *2020 – 2022*

- **Augustine English Medium School** — Hallikhed (B),Bidar, India
  SSLC (10th) – Percentage: 85% — *2019 – 2020*

TECHNICAL SKILLS

Languages: Python, C, Dart, JavaScript, HTML, CSS, SQL

Databases: MongoDB, MySQL, PHP

Frameworks/Tools: Flutter, Node.js, OpenCV, MediaPipe, TensorFlow

Data Tools: Pandas, NumPy, Matplotlib, Seaborn, Tableau, Power BI, Excel

Core Areas: Machine Learning, Computer Vision, Data Analysis

Other: Git, GitHub, REST APIs

PROJECTS

- **Virtual Mouse with Hand Gestures** – Developed a gesture-controlled virtual mouse using **Python, OpenCV, and MediaPipe**. Implemented real-time hand tracking for cursor movement, clicks, and scrolling with **95% accuracy**. Optimized latency and responsiveness to enhance user experience.

- **Personal Portfolio Website** – Built and deployed a responsive portfolio using **HTML, CSS, and JavaScript**, hosted on Netlify. Showcases skills, projects, and achievements with modern UI/UX and cross-browser compatibility.

- **Exploratory Data Analysis (EDA) Script** – Automated dataset analysis using **Python (Pandas, NumPy, Matplotlib, Seaborn)**. Generated statistical summaries and visualizations to uncover correlations, distributions, and insights, improving data-driven decision-making.

EXPERIENCE

- Hands-on experience in building **AI-powered applications, responsive web apps, and cross-platform mobile solutions**.

- Contributed to projects integrating **machine learning, computer vision, and frontend development**.

- Skilled in delivering **scalable, user-centric solutions** using Python, OpenCV, Flutter, HTML/CSS/JS, and Power BI.

PUBLICATIONS

- **Hands-Free Computing: A Gesture-Controlled Virtual AI Mouse** – Published in JETIR (Journal of Emerging Technologies and Innovative Research), Volume 12, Issue 5, May 2025. Paper ID: JETIR2505760.

CERTIFICATIONS

- Google Agentic AI Hackathon – Certificate of Achievement

- Ideathon @ AMC Engineering College – Certificate of Participation

- Web Development – Camplain

- Python Basics – Great Learning

- C Programming Basics – Scaler Academy